Amendments to the Specification:

Please amend the paragraph beginning on page 8, line 26, as follows:

--The optimization may be viewed as a struggle between the strengths of the transition probabilities and those of the output probabilities. We make a physical analogy using the trellis of FIG 3b. Treat each node as a nail hammered into sand with strength proportional to its output probability and treat each link between nodes as an elastic stretching between the nails with tension proportional to the strength of the transition probability (where, e.g., the "strength" of a probability, p, is the ratio p/(1-p)).--

Please amend the abstract beginning on page 20, line 1, as follows:

--A method for improving scene classification of a sequence of digital images ~~comprising the steps of: (a)~~ is disclosed herein. Such a method may include providing a sequence of images captured in temporal succession; (b) classifying each of the images individually based on information contained in the image alone to generate a first image classification; and (c) imposing a predetermined temporal context model on the sequence of images to generate a final image classification for each image in the sequence.--